


METHOD AND INSTALLATION FOR PRODUCING FIBROUS MATERIAL FROM THERMOPLASTICS

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Bibliographische Daten

FIELD: polymer materials. SUBSTANCE: thermoplastic is melted, melt is converted into film, which is used to spin fiber by means of imparting kinetic energy to the film, energy being supplied by a pan rotating with peripheral velocity at least 10 m/s. Viscosity of melt is close to that at its destruction temperature. Installation has extruder with rotatory fiber-former, product precipitation unit, and receiving device. EFFECT: enabled reprocessing industrial and domestic thermoplastic wastes and increased yield of fibrous material. 9 cl, 5 dwg, 4 tblm

Daten aus der **esp@cenet** Datenbank - - I2

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Method and installation for producing fibrous material from thermoplastics
C2000-074128
 Addnl. Data: BORDUNOV V V, VOLOKITIN G G
 VOLOKITIN G G (VOLO/)

NOVELTY

Thermoplastic is melted, melt is converted into film, which is used to spin fiber by means of imparting kinetic energy to the film, energy being supplied by a pan rotating with peripheral velocity at least 10 m/s. Viscosity of melt is close to that at its destruction temperature. Installation has extruder with rotatory fiber-former, product precipitation unit, and receiving device.

USE

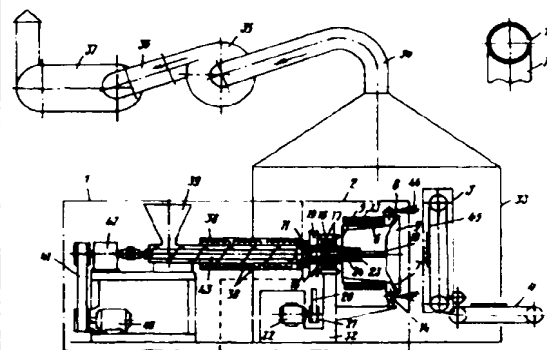
Polymer materials.

ADVANTAGE

Enabled reprocessing industrial and domestic thermoplastic

A(11-B15B1) F(1-C8B1)

wastes and increased yield of fibrous material. 9 cl, 5 dwg, 4 tblm



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